APPENDIX D (Part 1)
Field Notes

GeoSyntec Consultants

DAILY FIELD REPORT

PROJECT: Monfrose Chemical

LOCATION: Henderson Downgradient PROJECT NO.: HW0934 TASK NO.: _____

DESCRIPTION: Groundwater Sampling DATE: 18 day 7 month 06 year

CONTRACTOR(S): Blaine Tech

WEATHER, TEMPERATURE: Sunny, overcast, warm

0530 Arrive at Test America, Grant Williams and Blaine Tech (Andy), also on site. H&S meeting conducted.

0545 Calibrate MiniRae 2000
Zero = 0.0 ppm
Isobutylene = 102 ppm

0610 Set up at PC-064, Blaine Tech decons and calibrate equipment. (YSI Flowcell 556)

0635 PID reading at PC-064 = 277 ppm / Background 0.0 ppm
no H2O in wellbox. condition is okay.

0653 Begin Low flow purge @ PC-064

0708 PID reading = 0.0 ppm

0717 pump malfunction, stop pump, slowly pull pump from well to check out problem

0733 Continue Low flow purge.

0800 PID reading 0.0 ppm

0744 pump malfunction, stop pump, slowly pull pump from well, replace pump lower pump to 15' 6" from bottom)

0813 Continue Low flow purge

0837 PID reading 0.0 ppm

0915 Begin sampling.

1020 short hold samples taken

1027 weather is sunny and hot

NAME: Henry Chatman PROJECT NO.: _____ HOURS: _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose Chemical

LOCATION: Henderson Downgradient PROJECT NO.: HW0934 TASK NO.: _____

DESCRIPTION: Groundwater Sampling DATE: 18 day 7 month 06 year

CONTRACTOR(S): Blaine Tech

WEATHER, TEMPERATURE: Sunny

1030	Finish Sampling
1047	Set up at PC-067, decon equipment
1050	Equipment blank taken (EB0718)
1106	PID reading at PC-067 = 0.0 ppm
	Background reading = 0.0 ppm
1108	start Low flow purge
1139	PID reading = 0.0 ppm
1205	Begin sampling
1340	Short hold samples taken
1405	Finish Sampling, decon equipment
1500	Arrive at Hotel

NAME: Henry Chatman PROJECT NO.: _____ HOURS: _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose Chemical

LOCATION: Henderson Downgradient PROJECT NO.: HW0934 TASK NO.: _____

DESCRIPTION: Groundwater Sampling DATE: 19 day 7 month 06 year

CONTRACTOR(S): Blaine Tech

WEATHER, TEMPERATURE: Overcast, Humid

0520	Arrive at Test America
0530	Blaine Tech Arrives at Test America H&S meeting conducted, Load equipment and bottles on trucks
0614	Set up at H-56A, Blaine Tech decons equipment and Calibrates YSI flowcell
0620	Calibrate MiniRae 2000 Zero reading = 0.0 ppm Isobutylene = 101 ppm
0632	Background PID reading = 0.0 ppm PID reading at H-56A = 1.0 ppm
0655	Start Lowflow purge @ H-56A
0720	Begin Sampling
0833	PID reading = 0.0 ppm
0920	Finish Sampling
0940	Set up at PC-040, Decon equipment
0955	EB0719 taken (Equipment Blank) PID reading at PC-040 = 1.0 ppm
0959	Start Lowflow purge
1009	Pump malfunction, Slowly remove pump from well. Pump is having electrical issues. Drive to Test America to pick up peristalic pump
1100	Set up at PC-040 w/ Peristalic pump
1100	Continue Lowflow purge

NAME: Henry Chatman PROJECT NO.: _____ HOURS: _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose Chemical

LOCATION: Henderson Downgradient PROJECT NO.: HW0934 TASK NO.: _____

DESCRIPTION: Groundwater Sampling DATE: 19 day 7 month 06 year

CONTRACTOR(S): Blaine Tech

WEATHER, TEMPERATURE: Overcast, Humid.

1200	Begin Sampling
1320	Finish Sampling
1340	Drive to Fronox
1430	Unable to locate fronox
1500	Drop samples off at Test America
1600	Arrive at Hotel

NAME: Henry Chatman PROJECT NO.: _____ HOURS: _____

Sheet No. _____ of _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose Chemical
LOCATION: Henderson Downgradient PROJECT NO.: HW0934 TASK NO.: _____
DESCRIPTION: Groundwater Sampling DATE: 20 day 7 month 06 year
CONTRACTOR(S): Blaine Tech
WEATHER, TEMPERATURE: _____

0520 Arrive at Test America
0530 Blaine Tech arrives at Test America
H&S meting conducted
0600 Set up at PC-031, Blaine Tech
calibrates YSI Flowcell & decons equip.
0610 MiniRae 2000 calibrated
Zero reading = 0.0 ppm
Isobutylene = 100 ppm
0625 PC-031 under pressure, pressure released
once cap was remove.
PID reading at PC-031 = 137 ppm
Background = 0.1 ppm
0630 Start lowflow purge
0730 parameters are stable, begin sampling
Sample time will be 0800 30 mins
added to samples due to short holds.
~~0800~~ - 0900 Finish Sampling
0913 Set up at PC-028
0920 EB0720 taken
0925 FB0720 taken
0928 PID reading at PC-028 = 1800 ppm
Background at 0.0 ppm
Water in wellbox, pumped water out
prior to purge
0935 Start Lowflow purge at PC-028

NAME: Henry Chatman PROJECT NO.: _____ HOURS: _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Monsanto Chemical

LOCATION: Henderson (Downgradient) PROJECT NO.: HW0934 TASK NO.: _____

DESCRIPTION: Groundwater Sampling DATE: 20 day 7 month 06 year

CONTRACTOR(S): Blaine Tech

WEATHER, TEMPERATURE: Sunny; Hot Temp 115°F

1035	Begin Sampling
1145	Finish Sampling
1200	Set up at PC-124
1208	PID reading at PC-124 1630 ppm
	Background (Breathing Zone) = 0.1
1215	PID reading at PC-124 now at 3.1 ppm start purge
1237	PID reading = 0-1 ppm
1300	Begin Sampling
1415	Finish Sampling, clean equipment
1430	Sign Samples over to Test America
1600	Arrive at Hotel

NAME: Henry Chatman PROJECT NO.: _____ HOURS: _____

Sheet No. _____ of _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Monsanto Chemical, Henderson Downgradient

LOCATION: Henderson, Nv PROJECT NO.: HW0934 TASK NO.: _____

DESCRIPTION: Groundwater Sampling DATE: 21 day 7 month 06 year

CONTRACTOR(S): Blaine Tech

WEATHER, TEMPERATURE: _____

0420 Arrive at Test America along w/ Blaine Tech, Load Bottles and equipment
0445 Set up at PC-055. Blaine Tech calibrates and decons equipment
0505 EB0721 taken
Calibrate miniRae 2000
Zero = 0.0 ppm
Isobutylene = 100 ppm
PID reading at PC-055 = 0.2 ppm
Background (workspace) = 0.1 ppm
0510 FB0721
0518 Remove probe from well PC-055 prior to lowering tubing for Peristalic pump
0522 Start Low flow purge
0540 Begin sampling
0705 Finish Sampling
0707 Place probe back in well, decon equipment
0745 Offload water at Groundwater extraction compound
0813 Sign samples over to Test America
0830 Blaine Tech & Geosyntec departs Las Vegas

NAME: Hervey Chatman PROJECT NO.: _____ HOURS: _____

Sheet No. _____ of _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose Chemical - Henderson Downgradient
LOCATION: Henderson, NV PROJECT NO.: HW0934 TASK NO.: _____
DESCRIPTION: Groundwater Sampling DATE: 24 day 7 month 06 year
CONTRACTOR(S): BlaineTech
WEATHER, TEMPERATURE: Sunny; hot

1045 Arrive at Test America, Blaine Tech on site, H&S meting conducted, Calibrate YSI Flowcell, deleen equipment, MiniRae 2000 Calibrated, zero = 0.0 ppm, Isobutylene = 100 ppm
1130 Set up at well ARP-6A
1135 PID reading at well ARP-6A = 0.3 ppm Work space = 0.0 ppm
Well ARP-6A has no 2" well cap
1155 Depth to water is >25', peristalic pump cannot pump water from well, 2" Grondfos pump will be used at this well
1206 Begin Low flow purge at ARP-6A
1230 PID reading (work space) = 0.0 ppm
1245 Begin Sampling. Duplicate taken at this well (ARP-6A Dup)
1330 FB0724 taken
1450 Finish Sampling
1531 Sign samples over to Test America
1600 Arrive at Hotel

NAME: Henry Chatman PROJECT NO.: HW0934-03-004 HOURS: _____

Sheet No. _____ of _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose Chemical - Henderson Downgradient
LOCATION: Henderson, NV PROJECT NO.: HW0934 TASK NO.: 03-004
DESCRIPTION: Groundwater Sampling DATE: 25 day 7 month 06 year
CONTRACTOR(S): Blaine Tech
WEATHER, TEMPERATURE: Sunny; Slightly humid

0520 Arrive at Test America, Blaine Tech is also onsite. Health & Safety meeting conducted
0530 Sign in at Test America, Load equipment and bottles. Calibrate MiniRae 2000
Zero = 0.0 ppm
Isobutylene = 100 ppm
0605 Set up at well H-49A. Calibrate YSI Flowcell, decon equipment. Depth To water >25', 2" grundfos pump will be used to purge well
0652 Begin Lowflow purge @ H-49A PID = 0.2 ppm
0735 Begin Sampling work space = 0.0 ppm
0746 Finish Sampling
0805 FB0725 taken (Field Blank)
0810 EB0725 taken (Equipment Blank)
0815 Begin Lowflow purge at H-58A
0835 Begin Sampling PID = 1.2
0850 Finish Sampling work space = 0.2
0918 Set up at MC-049
PID reading at MC-049 = 0.7 ppm
Work space = 0.2 ppm
0932 Begin Lowflow purge at MC-049
1000 Begin Sampling
1042 Sign samples over to Test America
1100 Lunch taken

NAME: Henry Chatman PROJECT NO.: HW0934 HOURS: 2

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose Chemical - Henderson Downgradient

LOCATION: Henderson, NV PROJECT NO.: HW0934 TASK NO.: _____

DESCRIPTION: Groundwater Sampling DATE: 25 day 7 month 06 year

CONTRACTOR(S): Blaine Teeh

WEATHER, TEMPERATURE: Sunny, Warm

1200 Locate @ wells

1300 Arrive @ hotels, finish paperwork (Expences, etc)

NAME: Henry Chotman PROJECT NO.: HW0934 HOURS: _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Monrose Chemical - Henderson Downgradient
LOCATION: Henderson NV PROJECT NO.: HW0934 TASK NO.: 03-004
DESCRIPTION: Groundwater Sampling DATE: 26 day 7 month 06 year
CONTRACTOR(S): Blaine Tech
WEATHER, TEMPERATURE: Overcast; warm

0520	Arrive at Test America
0530	Blaine Tech Arrives at Test America H&S meeting conducted, Load equipment and bottles. & Calibrate minirae 2000 Zero = 0.0 ppm, Isobutylene = 101 ppm
0605	Setup at well PC-004
	PID reading at well = 0.0 ppm
	Work space = 0.0 ppm
0642	Begin Low flow purge
0705	Begin sampling
	Greg and mike from arrive at well PC-004 to observe sampling
0745	Greg and mike depart site.
0836	Finish Sampling
0905	Setup at well PC-056
	PID reading at well PC-056 = 700 ppm and rising
	work space = 1.2 ppm
0911	Begin purge (Low flow)
0930	PID reading (work space) = 0.0 ppm
0945	Begin sampling ~~FB~~ EB0726 @ 1045
1100	Finish sampling FB0726 @ 1050
1115	Setup at well PC-086
/	PID reading at well PC-086 = 0.0 ppm
	Work space = 0.0 ppm

NAME: Henry Chatman PROJECT NO.: HW0934 HOURS: _____

Sheet No. _____ of _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose Chemical - Henderson Downgradient
LOCATION: Henderson, NV PROJECT NO.: HW0934 TASK NO.: _____
DESCRIPTION: Groundwater Sampling DATE: 26 day 7 month 06 year
CONTRACTOR(S): Blaine Teeh
WEATHER, TEMPERATURE: Sunny; Hot @ 11:15 am

1126 Begin Low flow purge
1200 Begin sampling
1325 Finish Sampling
PID reading = 0.0 ppm
1406 Sign samples over to Test America
1500 Arrive at Hotel

NAME: Henry Chatman PROJECT NO.: HW0934 HOURS: _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose chemical - Henderson Downgradient
LOCATION: Henderson, NV PROJECT NO.: HW0934 TASK NO.: 03-004
DESCRIPTION: Groundwater Sampling DATE: 27 day 7 month 06 year
CONTRACTOR(S): Blaine Tech
WEATHER, TEMPERATURE: Sunny; warm & humid

0530 Arrive at Test America, Blaine Tech also at Lab. H&S meeting conducted Load bottles and equipment. Calibrate MiniRae 2000 / Zero = 0.0 ppm Isobutylene = 100 ppm
0620 Set up at well PC-097, Blaine Tech calibrates YSI Flowcell.
PID reading at well PC-097 = 0.0 ppm
Work space = 0.0 ppm
0646 Begin Low Flow purge.
PC-097 well box is in fair condition well box lid is missing bolts
0700 PID reading = 0.0 ppm
0710 Begin Sampling, MS/MSD taken at well PC-097
0950 Greg and Jeff from arrive on site to observe sampling
1010 Greg and Jeff depart site
Finish Sampling
1020 Set up at PC-077
PID reading at well PC-077 = 0.0 ppm
work space = 0.0 ppm
1028 Begin Low flow purge
1031 ~4' draw down @ 400 mL/min pump slowed to 200 mL/min

NAME: Henry Chatman PROJECT NO.: HOURS:

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose Chemical - Henderson Downgradient
LOCATION: Henderson, NV PROJECT NO.: HW0934 TASK NO.: 03-004
DESCRIPTION: Groundwater Sampling DATE: 27 day 7 month 06 year
CONTRACTOR(S): Blaine Tech
WEATHER, TEMPERATURE: Sunny & hot

1043	water is recharging very slowly. Called grant williams regarding this issue. Per grants request we turned pump off to allow water to some what return to static.
1142	DTW = 8.96, static = 8.67 Well P-077 is located next to a well land restoration area w/ irrigation piping accross it. Unable to tell if pumps for the irrigation piping are actully working, which may have played a role in the significant draw down @ PC-074.
1146	DTW is stable @ 8.83
1148	start purge @ 250 ml/min
1151	DTW @ 10.16 @ 250 ml/min
1210	PID reading = 0.0 ppm
1235	Begin Sampling
1430	FB0727 (Field Blank)
1515	Finish Sampling
1545	EB0727 (Equipment Blank)
1550	Sign samples over to Test America
1610	Pick up well tool from Ampac

NAME: Heary Chatman PROJECT NO.: _____ HOURS: _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Monsanto Chemical - Henderson Downgradient
LOCATION: Henderson, NV PROJECT NO.: HW0934 TASK NO.: 03-004
DESCRIPTION: Groundwater Sampling DATE: 28 day 7 month 06 year
CONTRACTOR(S): Blaine Tech
WEATHER, TEMPERATURE:

0430 - Arrive at Test America Blaine Tech also at Test America. Load equipment
Calibrate MiniRae 2000, zero = 0.0 ppm
Isobutylene = 100 ppm
H&S meeting conducted
515 Arrive at well MW-R, Decon equipment
Calibrate YSI Flowcell
~~0529~~ 0529 PID reading at well MW-R = 0.0 ppm
work space = 0.0 ppm
0529 Begin Low flow purge
0600 PID reading = 0.0 ppm
0615 Begin Sampling
0730 Finish Sampling
0745 Blaine Tech off loads, water
0806 Sign samples over to Test America
0830 Depart Site

NAME: Henry Chatman PROJECT NO.: HOURS:

Sheet No. of

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose chemical - Henderson Downgradient

LOCATION: Henderson, NV PROJECT NO.: HN0934 TASK NO.: 03.0004

DESCRIPTION: Groundwater Sampling DATE: 31 day 7 month 06 year

CONTRACTOR(S): Blaine Tech

WEATHER, TEMPERATURE: Sunny; hot

1030 Arrive at Test America, Blaine Tech also at Test America, Blaine Tech Calibrates YSI Flowcell, Load equipment and Bottles

1100 Meet Dane Grimshaw from Ampac to obtain well tool

1139 Set up at well MW-AJ (Unable to take PID reading due to insufficient amount of Isobutylene calibration gas)

1145 Begin low flow purge

1215 Begin sampling. Duplicate taken (MW-AJ Dup)

1430 Finish Sampling. Equipment Blank taken (EB0731) Field Blank Taken (FB0731)

1500 Sign samples over to courier

NAME: Henry Chatman PROJECT NO.: HOURS:

Sheet No. _____ of _____

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose Chemical - Henderson Downgradient

LOCATION: Henderson, NV PROJECT NO.: HW0934 TASK NO.: 03*004

DESCRIPTION: Groundwater Sampling DATE: 1 day 8 month 06 year

CONTRACTOR(S): Blaine Tech

WEATHER, TEMPERATURE:

0510	Arrive ~~on~~ S at Test America
	Load equipment and bottles
0530	Blaine Tech arrives, H&S meeting conducted
0545	Arrive at well MW-K1, Blaine Tech
	Calibrates YSI Flowcell No PID reading
	taken.
0607	Begin Low flow purge
0700	Begin Sampling
0810	Finish Sampling, decon equipment
0827	Begin Low flow purge @ TWE-15
0900	Begin sampling
1010	Finish Sampling
1020	Equipment blank taken
1015	Field Blank taken
1030	lunch
1100	Set up at well ~~#~~ MW-APX-5-16
1114	Begin Low flow purge
1140	Begin sampling
1240	Finish Sampling
1259	Begin purge @ PC-031
1335	Sample taken
1430	Sign samples over to Test America

NAME: Henry Chatman PROJECT NO.: HOURS:

GEOSYNTEC CONSULTANTS

DAILY FIELD REPORT

PROJECT: Montrose chemical - Henderson Downgradient
LOCATION: Henderson, NV PROJECT NO.: HW0934 TASK NO.: 03.004
DESCRIPTION: Groundwater Sampling DATE: 2 day 8 month 06 year
CONTRACTOR(S): Blaine Tech
WEATHER, TEMPERATURE: Sunny, warm

0520 Arrive at Test America, Blaine Tech also at Test America, Load equipment and bottles. Calibrate Mini Rae 2000 Zero = 0.1 ppm, Isobutylene = 101 ppm
0550 Arrive at MW-V. Blaine Tech calibrates YSI Flowcell
0615 PID reading at well MW-V = 0.0 ppm work space = 0.0 ppm
0617 Begin Low flow purge
0645 Begin sampling PID reading = 0.0 ppm
0800 Finish Sampling Equipment Blank taken
0805 Field Blank taken
0825 Arrive at MW-K5, PID reading = 0.0 ppm
~~0900~~ work space = 0.0 ppm / No Cap on well
0902 Begin Low flow purge @ MW-K5
0935 Begin Sampling
1052 Finish Sampling
1112 Arrive at MW-S, PID reading = 0.8 work space = 0.0 ppm
1117 Begin Low flow purge
1140 Begin Sampling
1300 Finish Sampling

NAME: Henry Chatman PROJECT NO.: HW0934 HOURS:

Sheet No. _____ of _____

APPENDIX D (Part 2)
Low-Flow Purging Data Sheets

WELL GAUGING DATA

Project # 060717-AW1 Date 7-18-06 Client GeoSyntec

Site Geo Syntec @ Henderson, NV

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
PC-064		2					6.91	18.37		
PC-067		2					10.97	34.28 10.97 dry		
H-56A		4					25.18	60.04		
PC-040		2					23.21	57.41		
PC-031		2					11.47	46.79		
PC-028		2					11.88	19.74		
PC-124		2					25.04	35.47		
PC-055		6					25.96	50.63		
ARP-6A		2					28.52	37.44		
H-49A		4					27.36	50.58		
H-58A		4					30.73	61.63		
MC-049		2					27.29	41.62		
PC-004		2					25.84	43.39		
PC-056		2					12.44	PC-056		
PC-086		2					6.39	26.63		
PC-097		2					6.16	32.72		
PC-077		2					8.67	39.07		

WELL GAUGING DATA

Project # 060717-AW1 Date 7-18-06 Client GeoSyntec

Site GeoSyntec @ Henderson, NV

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-R		2					13.87			
MW-AJ		2					9.18	29.98		
MW-K1		2					9.60	20.61		
TWE-L5		4					10.08	17.51		
MW-U		2					17.48	37.62		
MW-K5		2					28.18	46.19		
MW-S		2					16.29	42.29		
~~MW-AP~~-5-16		2					~~21~~ 17.81	21.34		

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-18-06
Well I.D.: PC-064	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 18.37	Depth to Water Pre: 6.91 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" (Grundfos) Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ___

Flow Rate: ~300 mL/min Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0648	Start Purge							
0651	27.14	7.47	11509	38	0.78	-78.1	900	7.10
0654	27.56	7.48	11620	28	0.74	-102.4	1800	
0657	28.45	7.44	11630	32	0.80	-107.3	2700	6.98
0700	29.27	7.40	11625	30	0.73	-116.0	3600	
0703	29.66	7.38	11648	18	0.72	-118.0	4506	6.94
0706	30.18	7.42	11647	18	0.72	-122.9	5400	
0709	30.89	7.38	11628	18	0.76	-104.1	6300	6.99
0712	31.67	7.36	11628	20	0.73	-101.2	7200	
0715	31.35	7.39	11667	12	0.71	-80.0	8100	6.97
0717	Stop Purge (pump malfunction							

Did well dewater? Yes (No) Amount actually evacuated: 37000 mL

Sampling Time: Sampling Date: 7-18-06

Sample I.D.: PC-064 Laboratory: Test America

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-18-06
Well I.D.: PC-064	Well Diameter: (2") 3 4 6 8 ____
Total Well Depth: 18.37	Depth to Water Pre: 6.91 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____
Flow Rate: 300 mL/min | Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	(DTW) Observations
0733	Start							
0734	29.09	7.45	11214	575	1.21	-102.1	9000	
0737	29.20	7.48	11590	194	0.82	-25.8	10500 2400	Increase Flow to 500 mL/min
0740	28.65	7.54	11730	78	0.56	-18.4	12000	
0743	30.33	7.44	11689	75	0.98	-1.0	13500	
0744	Stop	Purge	(pump stopped)					
~~0749~~ 0813	Start	Purge	~~lowered pump 4 ft~~ (changed pumps)					(pump @ 15')
0815	26.17	7.71	11727	644	0.59	-158.9	16000	6.98
0818	26.41	7.71	11729	184	0.44	-173.8	17500	
0821	26.53	7.72	11752	112	0.39	-182.5	19000	7.03
0824	26.47	7.74	11764	90	0.34	-189.9	20500	

Did well dewater? Yes (No) | Amount actually evacuated: 37000 mL
Sampling Time: | Sampling Date: 7-18-06
Sample I.D.: PC-064 | Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D | Other:
Equipment Blank I.D.: @ Time | Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-fw1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-18-06
Well I.D.: PC-064	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18.37	Depth to Water Pre: 6.91 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____

Flow Rate: 300 ml/min | Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	(DTW) Observations
0827	26.36	7.75	11771	69	0.31	-194.8	22000	6.98
0830	26.40	7.76	11775	49	0.30	-199.8	23500	
0833	26.36	7.78	11768	40	0.31	-204.1	25000	6.98
0836	26.34	7.79	11768	28	0.30	-207.1	26500	
0839	26.33	7.81	11758	23	0.33	-209.0	28000	7.01
0842	26.38	7.81	11754	20	0.35	-214.4	29500	
0845	26.42	7.82	11748	18	0.37	-217.3	31000	6.98
0848	26.41	7.83	11748	14	0.38	-219.8	32500	
0851	26.42	7.83	11749	12	0.40	-222.4	34000	7.01
0854	26.43	7.85	11742	11	0.40	-225.2	35500	
0857	26.51	7.85	11738	10	0.40	-227.5	37000	6.98

Did well dewater? Yes (No) | Amount actually evacuated: 37000 mL

Sampling Time: | Sampling Date: 7-18-06

Sample I.D.: PC-064 | Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D | Other:

Equipment Blank I.D.: @ Time | Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntech
Sampler: Wolff	Start Date: 7-18-06
Well I.D.: PC-067	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 34.28	Depth to Water Pre: 10.97 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" (Grundfos) Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | (New Tubing) | Other ____

Flow Rate: ~500 mL/min | Pump Depth: ~20'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW Observations
1108	Start	Purge						
1111	26.71	7.55	16813	157	2.30	-137.1	1500	10.98
1114	27.14	7.61	16924	71	2.18	-158.8	3000	
1117	27.29	7.63	17670	93	1.80	-174.2	4500	11.01
1120	27.15	7.64	18155	95	1.70	-179.9	6000	
1123	27.00	7.65	18659	57	1.50	-190.5	7500	10.98
1126	26.93	7.66	19024	37	1.31	-197.8	9000	
1129	27.10	7.66	19304	30	1.16	-201.1	10500	10.97
1132	27.11	7.67	19521	24	1.08	-210.2	12000	
1135	27.13	7.67	19639	17	1.03	-214.7	13500	10.98
1138	27.12	7.68	19765	17	0.99	-217.3	15000	

Did well dewater? Yes (No) | Amount actually evacuated: 21000 mL

Sampling Time: | Sampling Date: 7-18-06

Sample I.D.: PC-067 | Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D | Other:

Equipment Blank I.D.: @ Time | Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-fw1	Client: GeoSyntec
Sampler:	Start Date: 7-18-06
Well I.D.: PC-067	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 34.28	Depth to Water Pre: 10.97 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____
Flow Rate: 500 ml/min | Pump Depth: 20'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations
1141	27.21	7.67	19842	16	0.94	-219.7	16500	10.97
1144	27.25	7.67	19912	13	0.90	-222.6	18000	
1147	27.23	7.68	19963	13	0.88	-223.2	19500	10.97
1150	27.30	7.67	19989	14	0.86	-225.1	21000	

Did well dewater? Yes (No) | Amount actually evacuated: 21000 mL
Sampling Time: | Sampling Date: 7-18-06
Sample I.D.: PC-067 | Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D | Other:
Equipment Blank I.D.: @ Time | Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-1W1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-19-06
Well I.D.: H-56A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 60.04	Depth to Water Pre: 25.18 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ___

Flow Rate: ~500 mL/min Pump Depth: ~35'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0655	start	Purge						
0658	26.73	7.58	10293	2	1.25	65.2	1500	25.18
0701	27.28	7.58	10271	1	1.15	61.5	3000	
0704	27.63	7.58	10241	1	1.07	58.4	4500	25.18
0707	27.71	7.58	10234	1	1.03	57.1	6000	
0710	27.78	7.59	10235	1	1.03	55.1	7500	25.18

Did well dewater? Yes (No) Amount actually evacuated: 7500 mL

Sampling Time: Sampling Date: 7-19-06

Sample I.D.: H-56A Laboratory: Test Am.

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-19-06
Well I.D.: PC-040	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 57.41	Depth to Water Pre: 23.21 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New Tubing Other ____

Flow Rate: ~500 mL/min Pump Depth: ~30'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0959	Start Purge							
1002	27.16	7.28	18137	111	0.58	-40.1	1500	23.21
1005	27.48	7.27	18157	50	0.42	-54.8	3000	
1008	27.61	7.27	18174	37	0.39	-62.4	4500	23.27
1009	Stop Purge							
1106	Start Purge. Switch to Peri Pump. Flow @ 500 mL/min.							
			Pump Depth: 25'					
1109	26.5	7.41	17941	35	0.58	-130.6	6000	23.31
1112	26.19	7.39	17967	43	0.51	-144.1	7500	
1115	26.16	7.39	17956	39	0.47	-153.2	9000	23.30
1118	26.11	7.39	18002	16	0.44	-166.6	10500	

Did well dewater? Yes (No) Amount actually evacuated: 22500 mL

Sampling Time: Sampling Date: 7-19-06

Sample I.D.: PC-040 Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-tw1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-19-06
Well I.D.: PC-040	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 57.41	Depth to Water Pre: 23.21 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type:

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other
Flow Rate: 500 mL/min | Pump Depth: 30'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations
1121	26.09	7.39	17994	13	0.46	-175.2	12000	23.28
1124	26.03	7.41	17987	13	0.66	-186.1	13500	
1127	26.04	7.40	18008	11	0.74	-186.7	15000	23.30
1130	25.98	7.41	18016	14	0.90	-189.1	16500	
1133	26.02	7.41	18021	12	0.92	-192.3	18000	23.27
1136	25.98	7.41	18031	14	0.94	-195.2	19500	
1139	25.95	7.40	18008	14	0.94	-200.4	21000	23.31
1142	25.94	7.39	18000	14	0.96	-202.2	22500	

Did well dewater? Yes (No) | Amount actually evacuated: 22500 mL
Sampling Time: | Sampling Date: 7-19-06
Sample I.D.: PC-040 | Laboratory: Test Am.
Analyzed for: TPH-G BTEX MTBE TPH-D | Other:
Equipment Blank I.D.: @ Time | Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-4W1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-20-06
Well I.D.: PC-031	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 46.79	Depth to Water Pre: 11.47 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other____

Flow Rate: ~500 mL/min Pump Depth: ~15'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	(DTW) Observations
0630	Start Purge							
0633	27.66	7.39	9162	891	0.43	76.9	1500	11.51
0636	27.65	7.41	9165	563	0.41	67.9	3000	
0639	27.67	7.41	9172	399	0.40	62.6	4500	11.49
0642	27.66	7.42	9172	262	0.48	54.5	6000	
0645	27.65	7.42	9161	216	0.60	47.0	7500	11.47
0648	27.59	7.43	9143	174	0.60	35.9	9000	
0651	27.63	7.43	9152	153	0.61	26.8	10500	11.47
0654	27.62	7.43	9139	136	0.72	19.1	12000	
0657	27.62	7.44	9111	128	0.78	6.9	13500	11.47
0700	27.62	7.44	9117	120	0.81	-5.9	15000	

Did well dewater? Yes (No) Amount actually evacuated: 30000 mL

Sampling Time: Sampling Date: 7-20-06

Sample I.D.: PC-031 Laboratory: Test Am.

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-20-06
Well I.D.: PC-031	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 46.79	Depth to Water Pre: 11.47 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump ~~Peristaltic Pump~~ Bladder Pump
Sampling Method: Dedicated Tubing ~~New Tubing~~ Other ___
Flow Rate: 500 ml/min ~~Pump Depth~~: ~15'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0703	27.62	7.44	9135	100	0.82	-20.9	16500	11.47
0706	27.65	7.44	9118	92	0.82	-36.8	18000	
0709	27.65	7.44	9112	83	0.74	-50.7	19500	11.47
0712	27.65	7.44	9110	72	0.74	-59.8	21000	
0715	27.64	7.44	9105	69	0.75	-68.7	22500	11.47
0718	27.62	7.45	9103	64	0.76	-79.3	24000	
0721	27.60	7.46	9156	56	0.84	-83.8	25500	11.47
0724	27.63	7.46	9155	47	0.86	-97.2	27000	
0727	27.62	7.46	9146	47	0.87	-99.9	28500	11.47
0730	27.63	7.47	9138	45	0.92	-103.9	30000	

Did well dewater? Yes (No) Amount actually evacuated: 30000 mL
Sampling Time: Sampling Date: 7-20-06
Sample I.D.: PC-031 Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-tw1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-20-06
Well I.D.: PC-028	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.74	Depth to Water Pre: 11.88 Post: 16.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____
Flow Rate: ~500 mL/min Pump Depth: ~15'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0935	Start	Purge						
0938	25.33	7.64	8388	4	1.96	97.6	1500	12.04
0941	25.29	7.62	8363	1	1.84	80.4	3000	
0944	25.27	7.61	8334	1	1.79	63.6	4500	12.02
0947	25.33	7.60	8324	1	1.83	52.0	6000	
0950	25.22	7.60	8316	1	1.74	38.0	7500	12.06
0953	25.23	7.60	8314	1	1.76	25.7	9000	
0956	25.22	7.60	8303	1	1.79	14.3	10500	12.04
0959	25.26	7.60	8306	1	1.76	2.4	12000	
1002	25.25	7.60	8296	1	1.74	-5.7	13500	12.07
1005	25.34	7.60	8290	1	1.74	-15.6	15000	

Did well dewater? Yes (No) Amount actually evacuated: 21000 mL
Sampling Time: Sampling Date: 7-20-06
Sample I.D.: PC-028 Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-20-06
Well I.D.: PC-028	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth:	Depth to Water Pre: 11.88 Post: 11.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___
Flow Rate: 500 mL/min Pump Depth: 15'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations
1008	25.26	7.60	8303	1	1.75	-24.0	16500	12.07
1011	25.29	7.60	8300	1	1.77	-34.4	18000	
1014	25.27	7.61	8308	1	1.77	-37.4	19500	12.04
1017	25.23	7.61	8298	1	1.73	-43.1	21000	

Did well dewater? Yes (No) Amount actually evacuated: 21000 mL
Sampling Time: Sampling Date: 7-20-06
Sample I.D.: PC-028 Laboratory: Test Am.
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-20-06
Well I.D.: PC-124	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 35.47	Depth to Water Pre: 25.04 Post: 25.41
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump ~~Peristaltic Pump~~ Bladder Pump
Sampling Method: Dedicated Tubing ~~New Tubing~~ Other ____
Flow Rate: ~~~4000~~ 500 mL/min Pump Depth: ~28'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
1215	Start Purge							
1218	25.00	7.61	7275	7	3.07	64.7	1500	25.41
1221	24.91	7.62	7275	14	2.98	42.6	3000	
1224	24.83	7.62	7270	10	2.81	20.3	4500	25.42
1227	24.76	7.62	7273	13	2.75	8.9	6000	
1230	24.73	7.63	7276	15	2.85	-2.3	7500	25.40
1233	24.78	7.63	7263	10	2.74	-15.8	9000	
1236	24.85	7.64	7263	6	2.74	-29.1	10500	25.44
1239	24.73	7.65	7259	8	2.67	-35.5	12000	
1242	24.73	7.65	7262	8	2.75	-42.6	13500	25.46
1245	24.98	7.64	7257	8	2.72	-48.4	15000	

Did well dewater? Yes (No) Amount actually evacuated: 18000 mL

Sampling Time:	Sampling Date: 7-20-06
Sample I.D.: PC-124	Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-20-06
Well I.D.: PC-124	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 35.47	Depth to Water Pre: 25.04 Post: 25.41
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____
Flow Rate: 500 mL/min Pump Depth: 28'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
1248	24.79	7.64	7254	8	2.64	-53.4	16500	25.42
1251	24.66	7.65	7247	8	2.58	-56.5	18000	

Did well dewater? Yes (No) Amount actually evacuated: 18000 mL
Sampling Time: Sampling Date: 7-20-06
Sample I.D.: PC-124 Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-tw1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-21-06
Well I.D.: PC-055	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: 50.63	Depth to Water Pre: 25.96 Post: 25.96
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump | ~~Peristaltic Pump~~ | Bladder Pump
Sampling Method: Dedicated Tubing | ~~New Tubing~~ | Other ____
Flow Rate: ~400 mL/min | Pump Depth: ~28'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW Observations
0522	Start	Purge						
0525	23.76	7.42	10674	1	4.18	72.2	1200	26.02
0528	23.74	7.42	10671	1	4.17	70.1	2400	
0531	23.70	7.42	10670	1	4.11	67.3	3600	25.96
0534	23.72	7.42	10683	1	4.07	64.6	4800	

Did well dewater? Yes (No) | Amount actually evacuated: 4800 mL
Sampling Time: | Sampling Date: 7-21-06
Sample I.D.: PC-055 | Laboratory: Test Am.
Analyzed for: TPH-G BTEX MTBE TPH-D | Other:
Equipment Blank I.D.: @ Time | Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-24-06
Well I.D.: ARP-6A	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 37.44	Depth to Water Pre: 28.52 Post: 28.54
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____
Flow Rate: 500 mL/min | Pump Depth: 32'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations
1206	Start Purge							
1209	27.98	8.25	13960	309	3.91	-238.9	1500	28.58
1212	28.62	8.19	14008	240	3.79	-236.2	3000	
1215	28.97	8.15	13996	149	3.77	-233.8	4500	28.54
1218	27.82	8.32	14005	75	3.70	-234.4	6000	
1221	28.00	8.29	14008	38	3.56	-232.7	7500	28.54
1224	28.62	8.19	14034	31	3.75	-228.5	9000	
1227	28.67	8.18	14040	24	3.47	-226.2	10500	28.54
1230	28.60	8.18	14055	23	3.70	-224.4	12000	
1233	28.65	8.17	14059	22	3.65	-222.5	13500	28.54

Did well dewater? Yes (No) Amount actually evacuated: 13500 mL
Sampling Time: 1245 Sampling Date: 7-24-06
Sample I.D.: ARP-6A Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: EB0724 @ Time 1510 Duplicate I.D.: ARP-6A DUP 1245

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-25-06
Well I.D.: H-49A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: ~~44.04~~ 50.58	Depth to Water Pre: 27.36 Post: 27.38
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" (Grundfos) Pump Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing New (Tubing) Other ____
Flow Rate: 500 mL/min Pump Depth: 30.5'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW Observations
0652	Start Purge							
0655	26.45	7.40	12429	3	5.85	79.3	1500	27.38
0658	27.03	7.37	12899	1	5.61	72.0	3000	
0701	27.50	7.34	13165	1	5.25	64.0	4500	27.38
0704	27.81	7.31	13408	1	5.08	54.2	6000	
0707	28.00	7.29	13629	1	4.94	41.2	7500	27.40
0710	28.16	7.26	13934	1	4.55	26.4	9000	
0713	28.23	7.22	15176	1	3.23	10.2	10500	27.39
0716	28.28	7.21	15999	1	2.32	0.1	12000	
0719	28.30	7.21	16523	1	1.77	-3.4	13500	27.41
0722	28.39	7.21	16883	1	1.43	-19.7	15000	

Did well dewater? Yes (No) Amount actually evacuated: 19500 mL
Sampling Time: 0735 Sampling Date: 7-25-06
Sample I.D.: H-49A Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-25-06
Well I.D.: H-49A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 50.58	Depth to Water Pre: 27.36 Post: 27.38
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: (2" Grundfos Pump) Peristaltic Pump Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Flow Rate: 500ml/min Pump Depth: 30.5'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0725	28.43	7.21	17189	1	1.29	-28.9	16500	27.41
0728	28.48	7.22	17116	1	1.32	-32.5	18000	
0731	28.56	7.22	17078	1	1.37	-36.3	19500	27.38

Did well dewater? Yes (No) Amount actually evacuated: 19500 mL

Sampling Time: 0735 Sampling Date: 7-25-06

Sample I.D.: H-49A Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-25-06
Well I.D.: H-58A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 61.63	Depth to Water Pre: 30.73 Post: 30.78
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Flow Rate: 450 mL/min | Pump Depth: 33.7'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0815	Start	Purge						
0818	27.12	8.30	14087	1	6.21	-66.8	1350	30.82
0821	27.76	8.30	14090	1	5.88	-69.2	2700	
0824	28.10	8.29	14124	1	6.05	-69.5	4050	30.80
0827	28.37	8.28	14114	1	5.84	-69.8	5400	
0830	28.53	8.27	14160	1	5.97	-70.4	6750	30.78

Did well dewater? Yes (No)	Amount actually evacuated: 6750 mL
Sampling Time: 0835	Sampling Date: 7-25-06
Sample I.D.: H-58A	Laboratory: Test Am.
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-25-06
Well I.D.: MC-049	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 41.62	Depth to Water Pre: 27.29 Post: 27.33
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____
Flow Rate: 400 mL/min | Pump Depth: 30'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0932	Start Purge							
0935	28.32	7.13	18559	8	0.59	-97.5	1200	27.33
0938	28.50	7.13	18671	2	0.42	-129.7	2400	
0941	29.26	7.13	18676	1	0.34	-151.7	3600	27.34
0944	29.58	7.14	18694	1	0.42	-160.8	4800	
0947	29.67	7.14	18694	1	0.58	-163.8	6000	27.32
0950	29.75	7.14	18680	1	0.66	-168.6	7200	
0953	29.79	7.14	18686	1	0.67	-174.0	8400	27.34
0956	29.65	7.16	18697	1	0.66	-178.2	9600	

Did well dewater? Yes (No) Amount actually evacuated: 9600 mL
Sampling Time: 1000 Sampling Date: 7-25-06
Sample I.D.: MC-049 Laboratory: Test Am.
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-4w11	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-26-06
Well I.D.: PC-004	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 43.39	Depth to Water Pre: 25.84 Post: 25.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI - 556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____
Flow Rate: 350 mL/min Pump Depth: 27'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0642	Start Purge							
0645	23.90	7.24	8413	2	3.26	87.1	1050	25.87
0648	23.91	7.23	8366	1	3.28	78.0	2100	
0651	23.93	7.25	8366	1	3.23	63.1	3150	25.84
0654	23.90	7.26	8363	1	3.22	62.1	4200	
0657	23.98	7.26	8355	1	3.24	59.3	5250	25.86
0700	24.04	7.26	8362	1	3.22	54.7	6300	

Did well dewater? Yes (No) Amount actually evacuated: 6300 mL
Sampling Time: 0705 Sampling Date: 7-26-06
Sample I.D.: PC-004 Laboratory: Test Am.
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-26-06
Well I.D.: PC-056	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 53.48	Depth to Water Pre: 12.44 Post: 12.56
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____

Flow Rate: 400 mL/min Pump Depth: 13.5'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW Observations
0911	Start Purge							
0914	23.03	7.06	5889	1	0.56	-29.0	1200	12.58
0917	23.12	7.07	5899	1	0.55	-40.4	2400	
0920	23.13	7.08	5942	1	0.42	-49.2	3600	12.59
0923	23.20	7.09	5951	1	0.45	-57.9	4800	
0926	23.24	7.09	5954	1	0.60	-62.9	6000	12.57
0929	23.24	7.09	5956	1	0.63	-67.9	7200	
0932	23.23	7.10	5960	1	0.64	-76.1	8400	12.59
0935	23.34	7.10	5958	1	0.65	-80.8	9600	
0938	23.27	7.10	5959	1	0.62	-84.9	10800	12.57

Did well dewater? Yes (No) Amount actually evacuated: 10800 mL

Sampling Time: 0945 Sampling Date: 7-26-06

Sample I.D.: PC-056 Laboratory: Test Am.

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: EB-072606 @ Time 1045 Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-26-06
Well I.D.: PC-086	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 26.63	Depth to Water Pre: 6.39 Post: 6.41
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____

Flow Rate: 500 mL/min Pump Depth: 18'

Time	Temp. (°C or °F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	PTW Observations
1126	Start	Purge						
1129	23.10	7.26	4243	1	0.35	-29.8	1500	6.39
1132	22.63	7.27	4236	1	0.42	-39.8	3000	
1135	22.43	7.27	4244	1	0.35	-46.4	4500	6.39
1138	22.51	7.27	4259	1	0.39	-55.3	6000	
1141	22.40	7.27	4270	1	0.52	-61.9	7500	6.39
1144	22.11	7.28	4266	1	0.71	-69.5	9000	slow flow=350
1147	22.79	7.27	4267	1	0.78	-76.9	10050	6.40
1150	23.16	7.27	4266	1	0.79	-80.5	11100	
1153	23.24	7.27	4257	1	0.78	-85.2	12150	6.39

Did well dewater? Yes (No) Amount actually evacuated: 12150 mL

Sampling Time: 1200 Sampling Date: 7-26-06

Sample I.D.: PC-086 Laboratory: Test. Am

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-27-06
Well I.D.: PC-097	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 32.72	Depth to Water Pre: 6.16 Post: 6.19
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___

Flow Rate: 400 mL/min Pump Depth: 23

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW Observations
0646	Start	Purge						
0649	22.96	7.18	3702	2	0.55	52.9	1200	6.21
0652	22.78	7.18	3697	1	0.54	48.3	2400	
0655	22.53	7.18	3699	1	0.58	42.3	3600	6.20
0658	22.38	7.18	3698	1	0.71	37.0	4800	
0701	22.23	7.18	3695	1	0.87	32.0	6000	6.21
0704	22.15	7.18	3693	1	0.91	26.7	7200	
0707	22.08	7.19	3692	1	0.89	22.5	8400	6.22

Did well dewater? Yes (No) Amount actually evacuated: 8400 mL

Sampling Time: 0710 Sampling Date: 7-27-06

Sample I.D.: PC-097 Laboratory: Test Am

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-tw1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-27-06
Well I.D.: PC-077	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 39.07	Depth to Water Pre: 8.67 Post: 12.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___
Flow Rate: 400 mL/min | Pump Depth: 25'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
1028	Start Purge							
1031	23.25	7.23	6848	10	0.51	166.0	1250	12.43 slow fl. to 200 mL/min
1034	23.76	7.22	6843	10	0.49	148.7	1800	12.89
1037	24.42	7.21	6848	9	0.47	140.5	2400	12.99
1040	24.71	7.21	6844	8	0.50	132.9	3000	12.73
1043	24.96	7.21	6840	8	0.52	126.1	3600	12.89
1046	24.97	7.21	6833	6	0.53	121.4	4200	12.69
1049	25.08	7.21	6830	5	0.55	114.1	4800	12.47
1052	25.10	7.21	6823	5	0.58	109.9	5400	12.36
1053	Stop Purge							
1148	~~Start Purge~~	~~7.23~~	~~6846~~	Flow Rate: 200 mL/min	~~0.58~~	~~138.8~~	~~6000~~	~~12.06~~ to

Start Purge to Stop Purge

Did well dewater? Yes (No) | Amount actually evacuated: 138000 mL

Sampling Time: 1235 | Sampling Date: 7-27-06

Sample I.D.: PC-077 | Laboratory: Test Am.

Analyzed for: TPH-G BTEX MTBE TPH-D | Other:

Equipment Blank I.D.: EB-072706 @ Time 1545 | Duplicate I.D.:

Field Blank I.D.: FB-072706 @ 1430

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-27-06
Well I.D.: PC-077	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth:	Depth to Water Pre: 8.67 Post: 12.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____

Flow Rate: 200 mL/min Pump Depth: 25'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
1151	26.18	7.25	6846	4	0.80	-38.8	6000	10.16
1154	25.28	7.24	6847	2	0.62	-50.1	6600	10.57
1157	25.11	7.24	6843	2	0.58	-55.6	7200	10.81
1200	25.03	7.24	6840	2	0.57	-61.2	7800	11.21
1203	25.05	7.24	6838	2	0.57	-65.9	8400	11.46
1206	25.02	7.24	6839	2	0.59	-70.6	9000	11.61
1209	25.12	7.24	6833	2	0.61	-75.0	9600	11.74
1212	25.10	7.24	6830	2	0.62	-78.8	10200	11.86
1215	25.05	7.25	6826	2	0.63	-82.7	10800	11.94
1218	25.01	7.25	6819	2	0.64	-86.2	11400	11.99
1221	25.02	7.25	6823	2	0.63	-89.7	12000	12.04

Did well dewater? Yes (No) Amount actually evacuated: 13800 mL

Sampling Time: 1235 Sampling Date: 7-27-06

Sample I.D.: PC-077 Laboratory: Test Am.

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

Equipment Blank I.D.: EB-072706 @ Time 1545 Duplicate I.D.:

Field Blank I.D.: FB-072706@1430

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-4W1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-27-06
Well I.D.: PE-077	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth:	Depth to Water Pre: 8.68 Post: 12.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____
Flow Rate: 200 mL/min Pump Depth: 25'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
1224	25.05	7.25	6819	2	0.64	-93.6	12600	12.09
1227	25.01	7.25	6817	2	0.64	-96.9	13200	12.09
1230	25.03	7.25	6815	2	0.64	-99.5	13800	12.10

Did well dewater? Yes (No) Amount actually evacuated: 13800 mL
Sampling Time: 1235 Sampling Date: 7-27-06
Sample I.D.: PC-077 Laboratory: Test Am.
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: EB-072706 @ Time 1545 Duplicate I.D.:

Field Blank I.D.: FB-072706 @ 1430

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AWI	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-28-06
Well I.D.: MW-R	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 37.24	Depth to Water Pre: 13.87 Post: 13.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump

Sampling Method: Dedicated Tubing (New Tubing) Other________

Flow Rate: 500 mL/min Pump Depth: 16'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0529	Start	Purge						
0532	25.61	6.97	7133	1	0.78	97.0	1500	13.91
0535	25.56	6.97	7152	1	0.71	88.0	3000	13.96
0538	25.50	6.97	7160	1	0.72	78.4	4500	13.92
0541	25.51	6.97	7166	1	0.93	68.4	6000	13.91
0544	25.46	6.97	7167	1	1.10	59.3	7500	13.88
0547	25.50	6.98	7170	1	1.06	53.0	9000	
0550	25.50	6.98	7169	1	1.02	46.2	10500	13.89
0553	25.49	6.98	7171	1	1.03	40.2	12000	
0556	25.45	6.98	7171	1	1.03	34.6	13500	13.90
0559	25.52	6.98	7173	1	1.03	27.8	15000	

Did well dewater? Yes (No)	Amount actually evacuated: 21000 mL
Sampling Time: 0615	Sampling Date: 7-28-06
Sample I.D.: MW-R	Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-28-06
Well I.D.: MW-R	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 37.24	Depth to Water Pre: 13.87 Post: 13.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump | (Peristaltic Pump) | Bladder Pump
Sampling Method: Dedicated Tubing | (New Tubing) | Other ____
Flow Rate: 500 mL/min | Pump Depth: 16'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW Observations
0602	25.50	6.98	7176	1	1.03	24.1	16500	13.89
0605	25.46	6.98	7172	1	0.99	18.3	18000	
0608	25.43	6.99	7172	1	1.05	14.1	19500	13.91
0611	25.42	6.98	7178	1	0.99	9.8	21000	

Did well dewater? Yes (No) — Amount actually evacuated: 21000 ~~18000~~ mL
Sampling Time: 0615 — Sampling Date: 7-28-06
Sample I.D.: MW-R — Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D — Other:
Equipment Blank I.D.: @ Time — Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 7-31-06
Well I.D.: MW-AJ	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 29.98	Depth to Water Pre: 9.18 Post: 9.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____
Flow Rate: 500 mL/min | Pump Depth: 15'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
1145								
1148	25.51	7.24	6793	1	0.38	-148.1	1500	9.22
1151	25.33	7.26	6783	1	0.34	-170.3	3000	
1154	25.36	7.26	6775	1	0.35	-179.8	4500	9.22
1157	25.34	7.23	6770	1	0.43	-185.6	6000	
1200	25.39	7.27	6760	1	0.64	-195.0	7500	9.22
1203	25.44	7.27	6760	1	0.72	-201.9	9000	
1206	25.41	7.28	6769	1	0.71	-206.7	10500	9.22
1209	25.49	7.28	6765	1	0.72	-207.5	12000	

Did well dewater? Yes (No) | Amount actually evacuated: 12000 mL
Sampling Time: 1215 | Sampling Date: 7-31-06
Sample I.D.: MW-AJ | Laboratory: Test Am.
Analyzed for: TPH-G BTEX MTBE TPH-D | Other:
Equipment Blank I.D.: @ Time | Duplicate I.D.: MW-AJ DUP

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-4W1	Client: GeoSyntec
Sampler: Wolff	Start Date: 8-1-06
Well I.D.: MW-K1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 20.61	Depth to Water Pre: 9.60 Post: 9.63
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____
Flow Rate: 500 mL/min Pump Depth: 12'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0607	Start	Purge						
0610	27.46	7.13	12243	27	0.62	91.4	1500	9.74
0613	26.72	7.15	12209	21	0.55	77.4	3000	
0616	26.20	7.15	12199	5	0.48	67.2	4500	9.68
0619	26.05	7.15	12200	2	0.50	56.4	6000	
0622	25.99	7.15	12193	1	0.53	47.1	~~9000~~ 7500	9.64
0625	25.98	7.16	12189	1	0.63	37.6	9000	
0628	25.98	7.15	12186	1	0.67	29.1	10500	9.64
0631	25.96	7.15	12178	1	0.66	21.0	12000	
0634	25.95	7.16	12172	1	0.62	13.1	13500	9.64
0637	25.95	7.16	12160	1	0.61	2.4	15000	

Did well dewater? Yes (No)	Amount actually evacuated: 22500 mL
Sampling Time: 0700	Sampling Date: 8-1-06
Sample I.D.: MW-K1	Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 8-1-06
Well I.D.: MW-K1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 20.61	Depth to Water Pre: 9.60 Post: 9.63
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____
Flow Rate: 500 mL/min Pump Depth: 12'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0640	25.94	7.16	12153	1	0.59	-0.7	16500	9.63
0643	25.94	7.16	12144	1	0.57	-9.6	18000	
0646	25.94	7.16	12139	1	0.55	-13.7	19500	9.64
0649	25.93	7.16	12128	1	0.54	-19.9	21000	
0652	25.94	7.16	12107	1	0.55	-18.2	22500	9.64

Did well dewater? Yes (No) Amount actually evacuated: 22500mL
Sampling Time: 0700 Sampling Date: 8-1-06
Sample I.D.: MW-K1 Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 8-1-06
Well I.D.: TWE-15	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 17.51	Depth to Water Pre: 10.08 Post: 10.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___
Flow Rate: 500 mL/min | Pump Depth: 15'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
0827	Start Purge							
0830	25.56	7.06	5769	1	0.72	53.2	1500	10.19
0833	25.55	7.03	5804	1	0.66	34.5	3000	
0836	25.57	7.02	5814	1	0.68	26.0	4500	10.18
0839	25.62	7.02	5834	1	0.75	14.0	6000	
0842	25.71	7.02	5846	1	0.71	6.9	7500	10.17
0845	25.82	7.02	5856	1	0.66	-4.8	9000	
0848	25.87	7.02	5860	1	0.64	-11.8	10500	10.12
0851	25.90	7.02	5864	1	0.64	-21.7	12000	
0854	25.93	7.02	5866	1	0.65	-25.7	13500	10.11
0857	25.97	7.02	5869	1	0.64	-28.9	15000	

Did well dewater? Yes (No) — Amount actually evacuated: 15000 mL
Sampling Time: 0900 — Sampling Date: 8-1-06
Sample I.D.: TWE-15 — Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D — Other:
Equipment Blank I.D.: EB-080106 @ Time 1020 — Duplicate I.D.:

Field Blank ID: FB-080106 @ 1025

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 8-1-06
Well I.D.: MW-APX-5-16	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 21.34	Depth to Water Pre: 7.81 Post: 7.97
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other____
Flow Rate: 500 mL/min Pump Depth: 10'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW Observations
1114								
1117	25.11	7.17	5158	3	1.90	92.2	1500	7.98
1120	24.57	7.16	5151	2	1.84	81.4	3000	
1123	24.51	7.15	5163	1	1.85	77.6	4500	7.98
1126	24.51	7.15	5173	1	1.84	73.9	6000	
1129	24.47	7.15	5177	1	1.84	68.1	7500	7.96
1132	24.41	7.16	5177	1	1.85	65.4	9000	

Did well dewater? Yes (No) Amount actually evacuated: 9000 mL
Sampling Time: 1140 Sampling Date: 8-1-06
Sample I.D.: MW-APX-5-16 Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 8-1-06
Well I.D.: PC-031	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 46.79	Depth to Water Pre: 11.64 Post:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____
Flow Rate: 500 mL/min Pump Depth: 18'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	Observations
1259	Start	Purge						
1302	28.57	7.45	9448	170	0.68	50.4	1500	11.66
1305	28.38	7.43	9432	123	0.50	35.0	3000	
1308	28.28	7.42	9420	91	0.45	20.4	4500	11.66
1311	28.24	7.41	9409	69	0.43	15.6	6000	
1314	28.32	7.41	9419	43	0.51	5.2	7500	11.67
1317	28.27	7.41	9431	35	0.58	0.5	9000	
1320	28.32	7.40	9437	28	0.64	-7.9	10500	11.66
1323	28.30	7.40	9423	27	0.63	-13.9	12000	
1326	28.32	7.40	9432	26	0.59	-19.9	13500	11.66
1329	28.31	7.40	9440	25	0.60	-22.3	15000	

Did well dewater? Yes (No) Amount actually evacuated: 15000
Sampling Time: 1335 Sampling Date: 8-1-06
Sample I.D.: PC-031 Laboratory: Test Am.
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-AW1	Client: GeoSyntec
Sampler: Wolff	Start Date: 8-2-06
Well I.D.: MW-U	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 37.62	Depth to Water Pre: 17.48 Post: 17.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____
Flow Rate: ~500 mL/min Pump Depth: 20'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Observations
0617	Start	Purge						
0620	23.80	7.01	5875	3	4.03	65.4	1500	17.49
0623	23.72	7.02	5879	3	3.98	45.7	3000	
0626	23.72	7.03	5902	2	3.82	25.6	4500	17.49
0629	23.71	7.04	5954	1	3.74	22.2	6000	
0632	23.71	7.04	5995	1	3.68	13.2	7500	17.49
0635	23.72	7.05	6008	1	3.66	6.0	9000	
0638	23.73	7.05	6018	1	3.64	0.2	10500	17.49
0641	23.74	7.05	6021	1	3.63	-4.0	12000	

Did well dewater? Yes (No) Amount actually evacuated: 12000 mL
Sampling Time: 0645 Sampling Date: 8-2-06
Sample I.D.: MW-U Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: FB-080206@Time 0800 Duplicate I.D.:

Field Blank ID: FB-080206 0805

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-tw1	Client: GeoSyntec
Sampler: Wolff	Start Date: 8-2-06
Well I.D.: MW-K5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 46.19	Depth to Water Pre: 28.18 Post: 28.18
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: 451 - 556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ____
Flow Rate: 500 mL/min Pump Depth: 32'

Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW Observations
0902	Start Purge							
0905	24.73	6.97	10541	95	0.98	69.7	1500	28.18
0908	25.51	6.97	10612	17	0.87	46.1	3000	
0911	26.08	6.97	10628	6	0.81	29.3	4500	28.18
0914	26.37	6.97	10633	3	0.83	17.4	6000	
0917	26.67	6.97	10642	2	0.87	5.3	7500	28.18
0920	26.82	6.97	10644	1	0.92	-3.5	9000	
0923	27.02	6.97	10637	1	0.91	-16.1	10500	28.18
0926	27.11	6.97	10662	1	0.96	-20.0	(12000)	
0929	26.83	6.97	10647	1	0.95	-24.1	13500	28.18

Did well dewater? Yes (No) Amount actually evacuated: 13500 mL
Sampling Time: 0935 Sampling Date: 8-2-06
Sample I.D.: MW-K5 Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 060717-4W1	Client: GeoSyntec
Sampler: W. Lff	Start Date: 8-2-06
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 42.29	Depth to Water Pre: 16.29 Post: 16.33
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI-556

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: Dedicated Tubing (New Tubing) Other ___
Flow Rate: 500 mL/min Pump Depth: 20'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW Observations
1117	Start Purge							
1120	24.03	7.08	4209	2	0.89	-58.3	1500	16.30
1123	23.96	7.07	4302	1	0.73	-73.3	3000	
1126	24.08	7.03	4438	1	0.51	-77.6	4500	16.32
1129	24.14	7.03	4448	1	0.47	-81.6	6000	
1132	24.16	7.03	4450	1	0.51	-85.6	7500	16.32
1135	24.09	7.03	4450	1	0.52	-88.4	9000	
1138	24.06	7.03	4442	1	0.53	-92.6	10500	16.32

Did well dewater? Yes (No) Amount actually evacuated: 10500 mL
Sampling Time: 1140 Sampling Date: 8-2-06
Sample I.D.: MW-5 Laboratory: Test Am
Analyzed for: TPH-G BTEX MTBE TPH-D Other:
Equipment Blank I.D.: @ Time Duplicate I.D.: